

FIG. 1

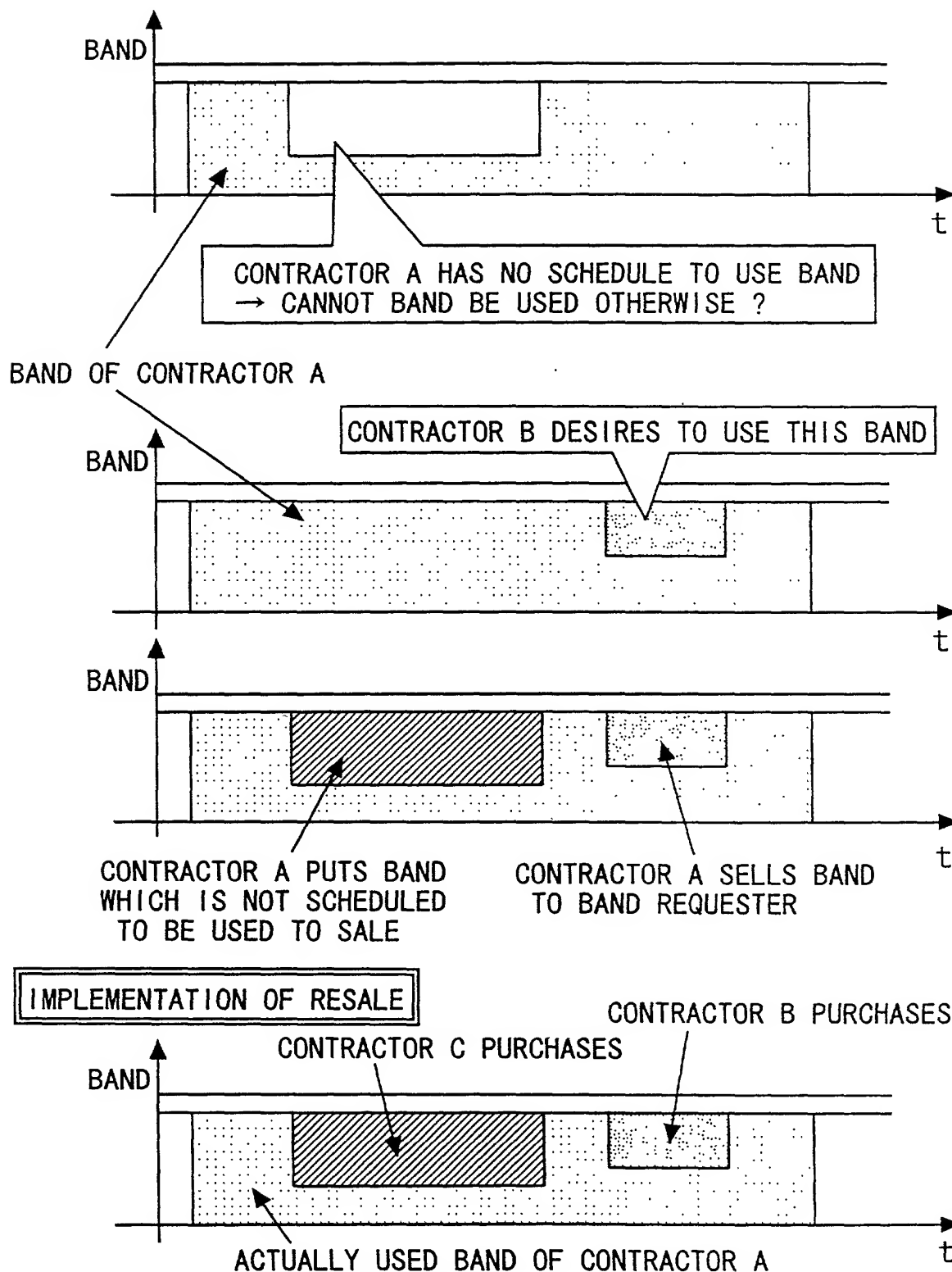
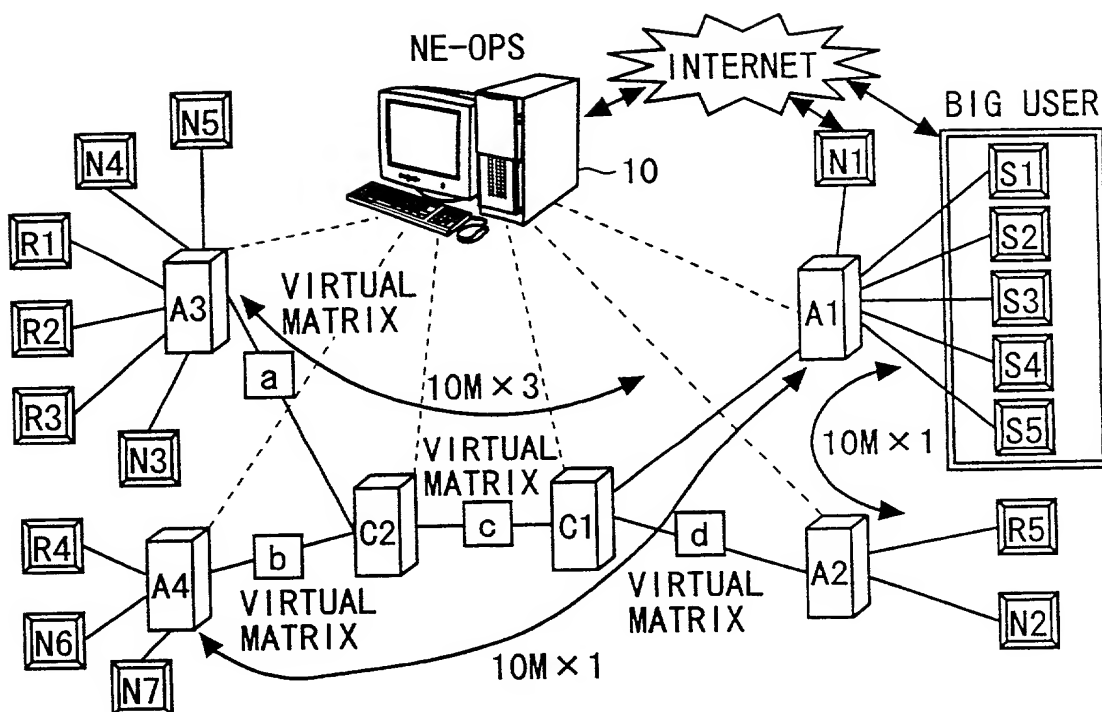


FIG. 2



BAND MANAGEMENT TABLE (EXAMPLE)

CORE NE	ACCESS NE	SUBSCRIBER (USER)	Te	T1	T2	Tn	Ts
C1 (50)	A1 (50)	S1	10	0			0	10
		S2	10	0			0	10
		S3	10	0			0	10
		S4	10	0			0	10
		S5	10	0			0	10
		N1	-	30	30		30	-
	A2 (10)	R5	10	0			0	10
		N2	-	10	10		10	-
C2 (40)	A3 (30)	R1	10	0			0	10
		R2	10	0			0	10
		R3	10	0			0	10
		N3	-	30	30		30	-
		N4	-	20	20		20	-
		N5	-	20				-
	A4 (10)	R4	10	0			0	10
		N6	-		10		10	-
		N7	-	10				-

NOTE: Te/Ts: BAND USE TERMINATION TIME/RESTART TIME OF BIG USER
T1, T2,, Tn: UNIT TIME PARTITION OF RESALE SUBJECT BAND (SUCH AS 10 MINUTE UNIT)
NUMERAL IN MEASURE IS BAND VALUE DESIRED TO BE USED IN ITS UNIT TIME

FIG. 3

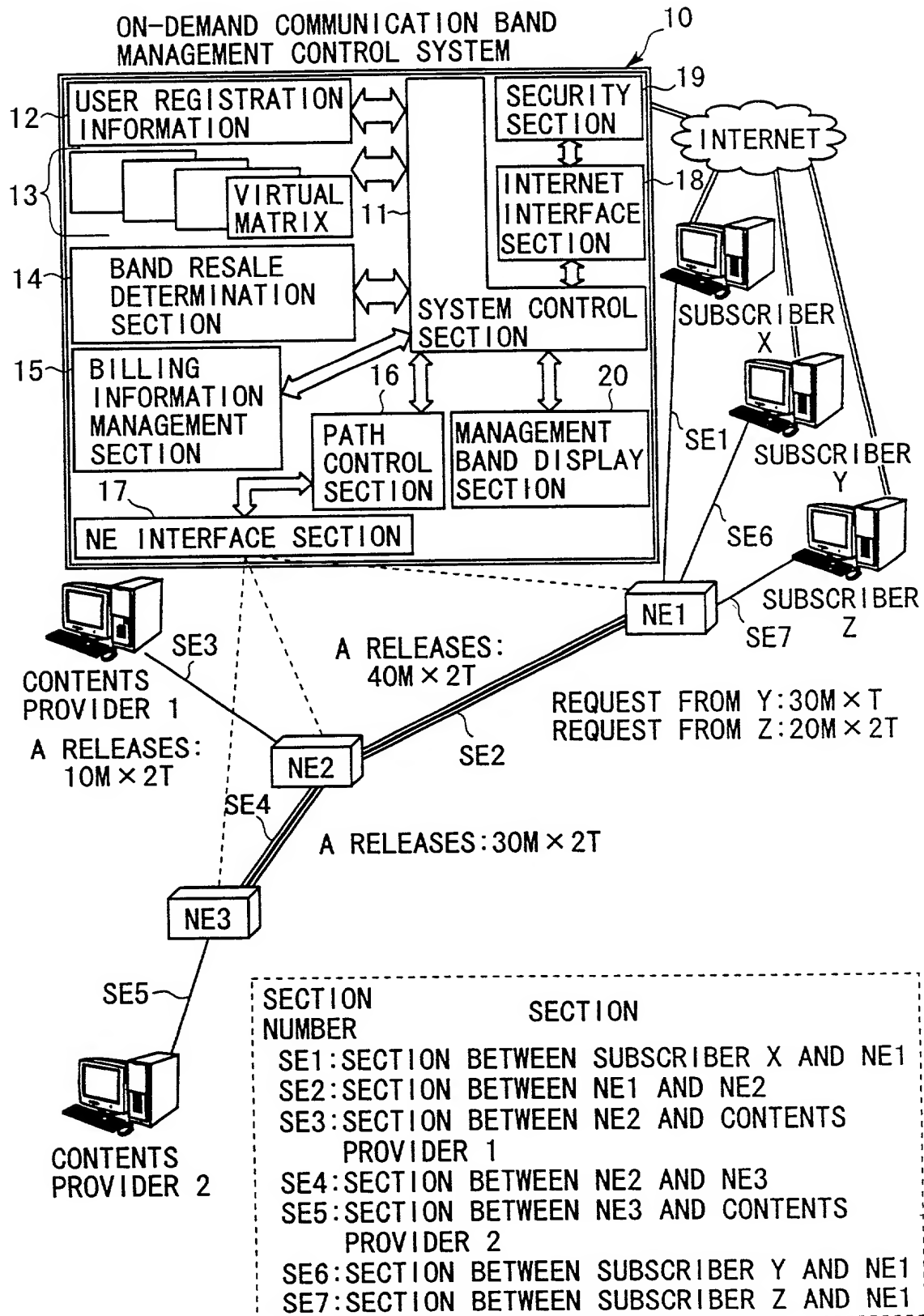
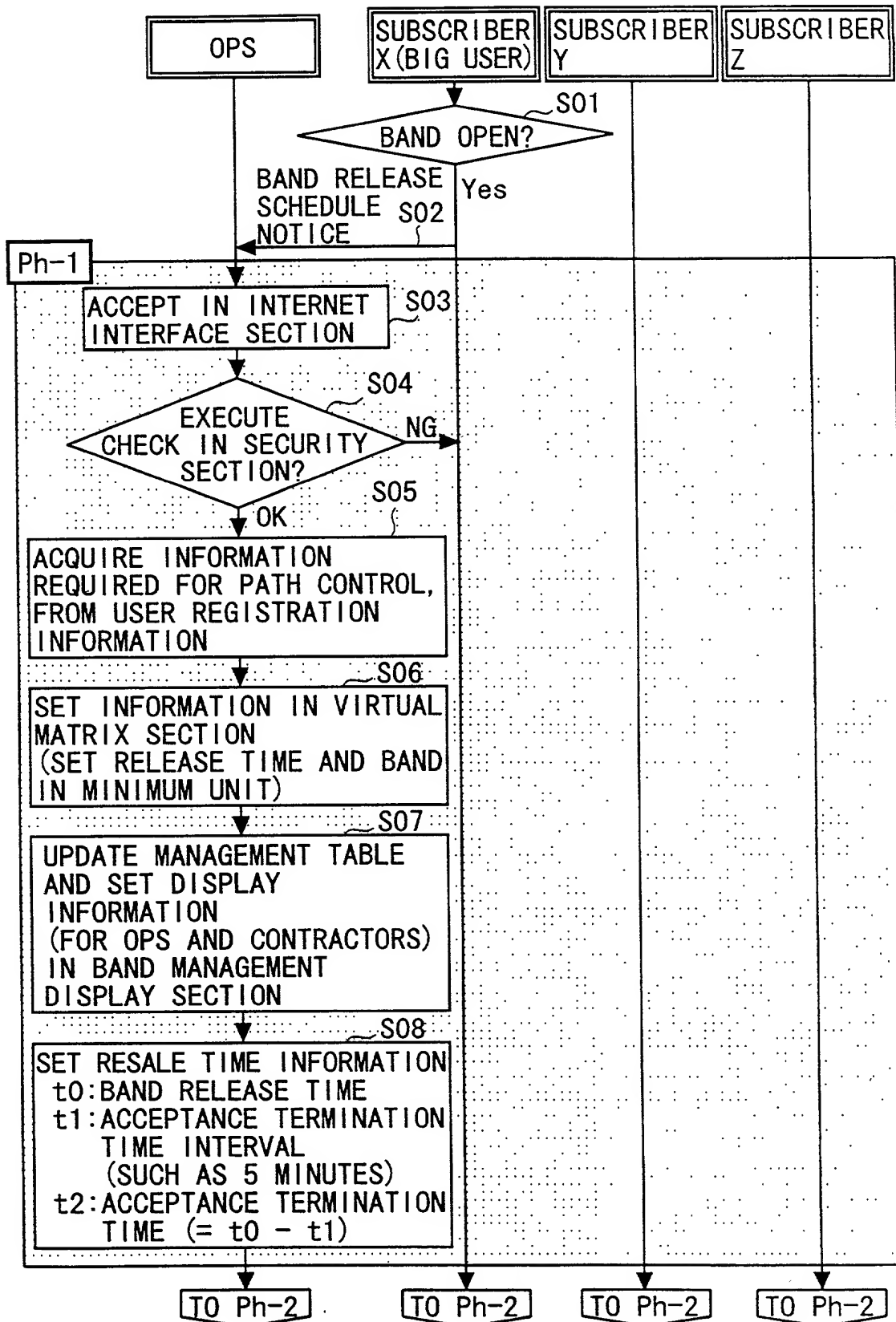
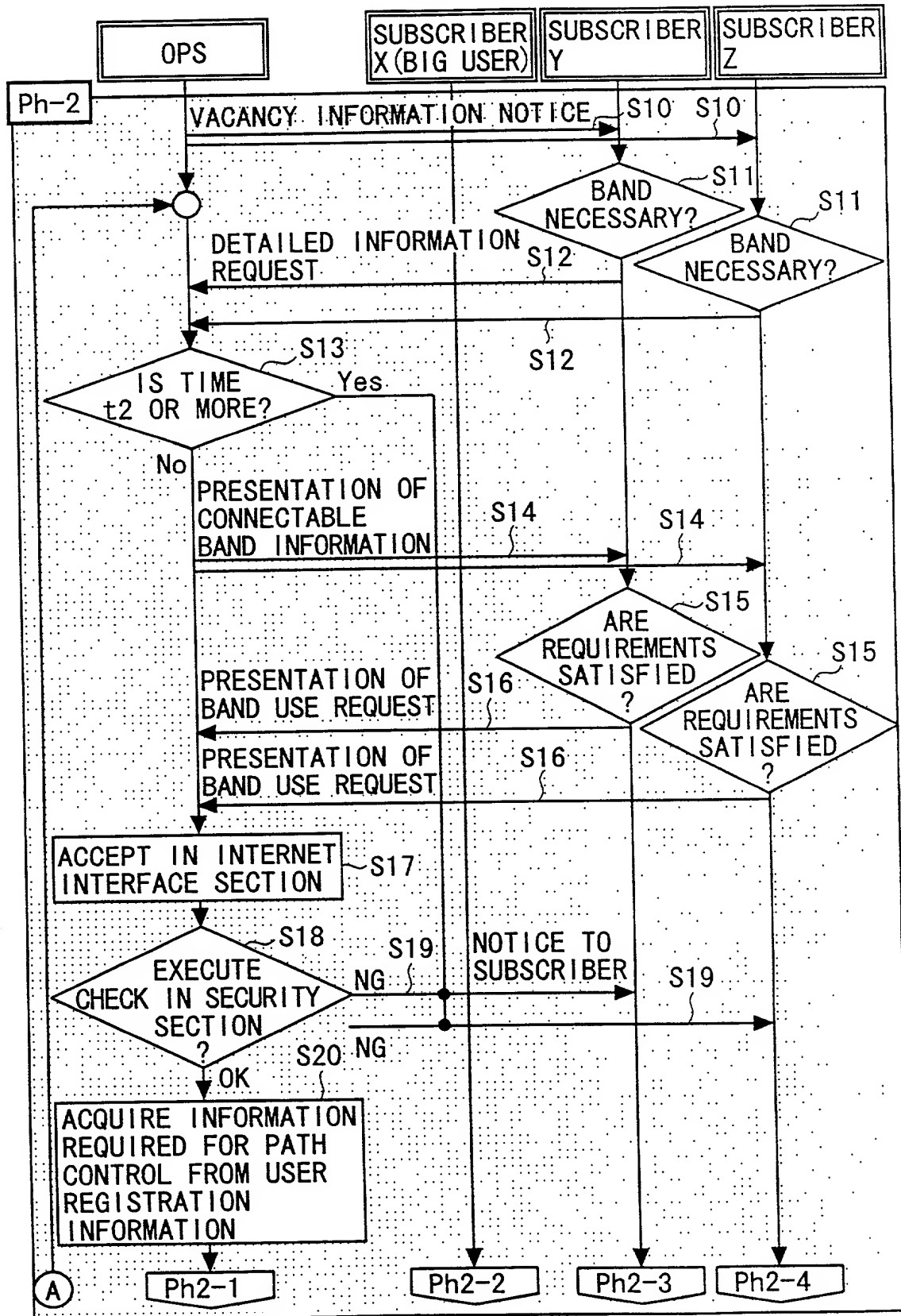


FIG. 5



20250404 10:07:54

FIG. 6



20250720 14:35:00T

FIG. 7

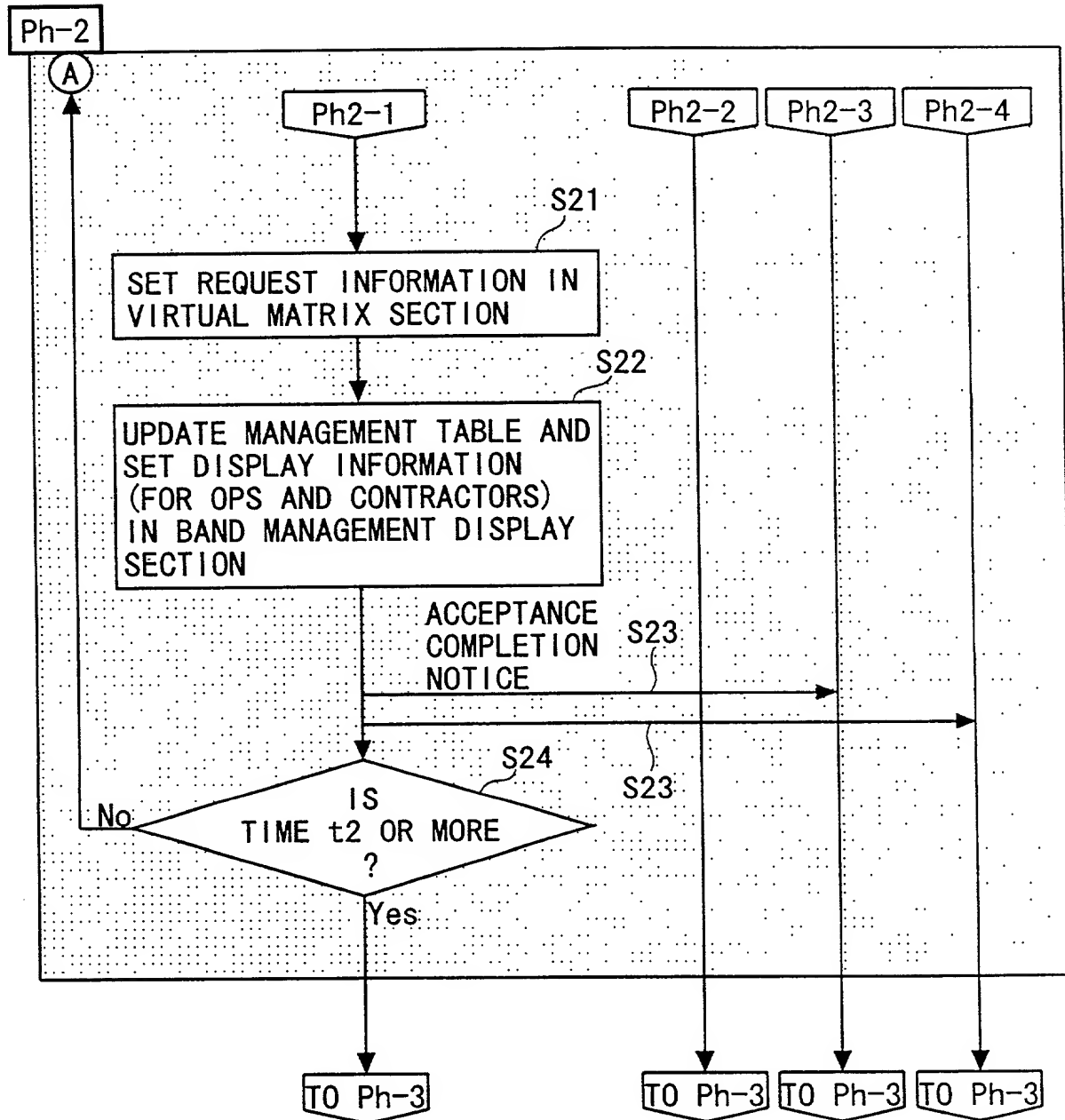
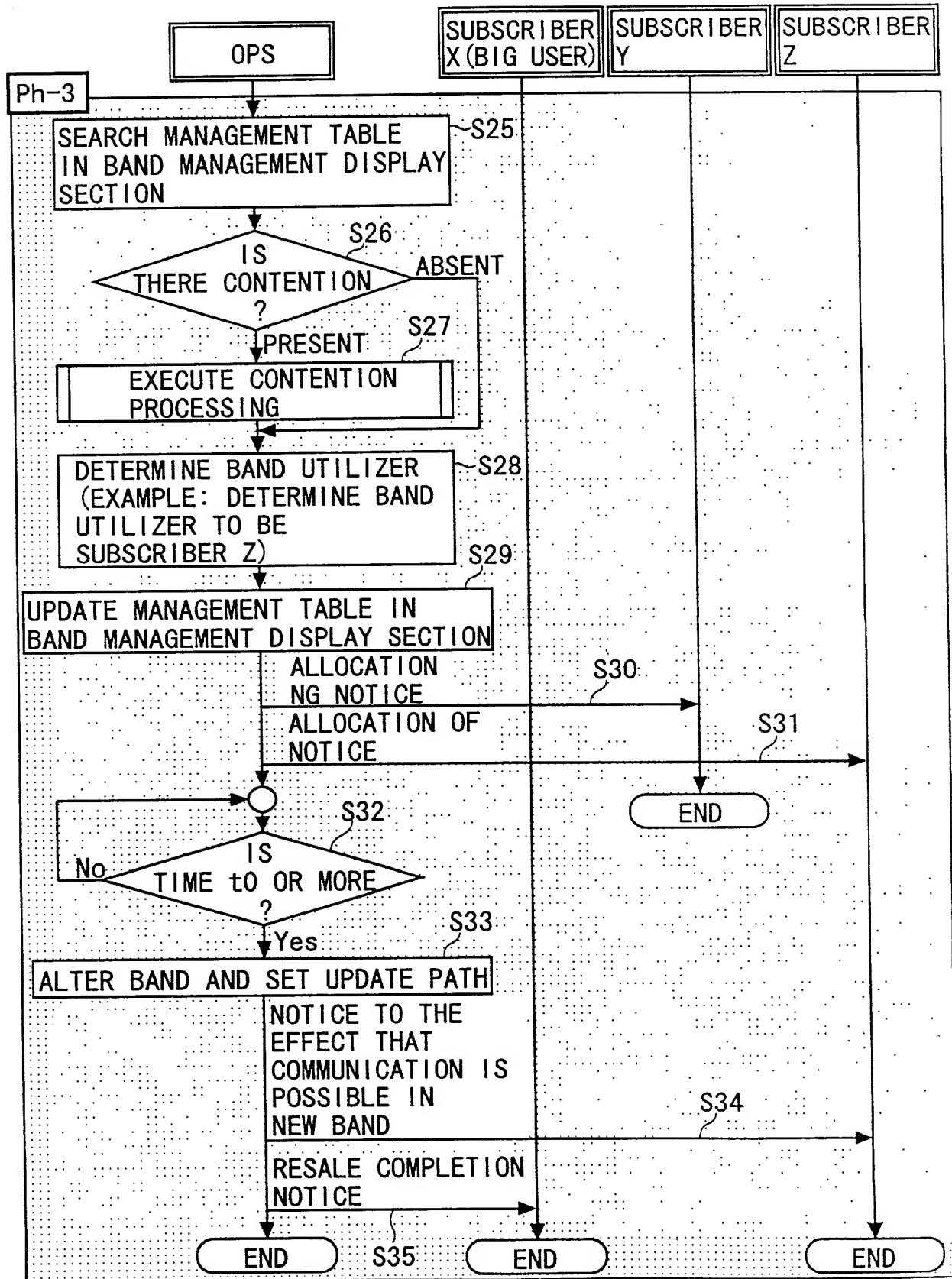


FIG. 8



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FIG. 9

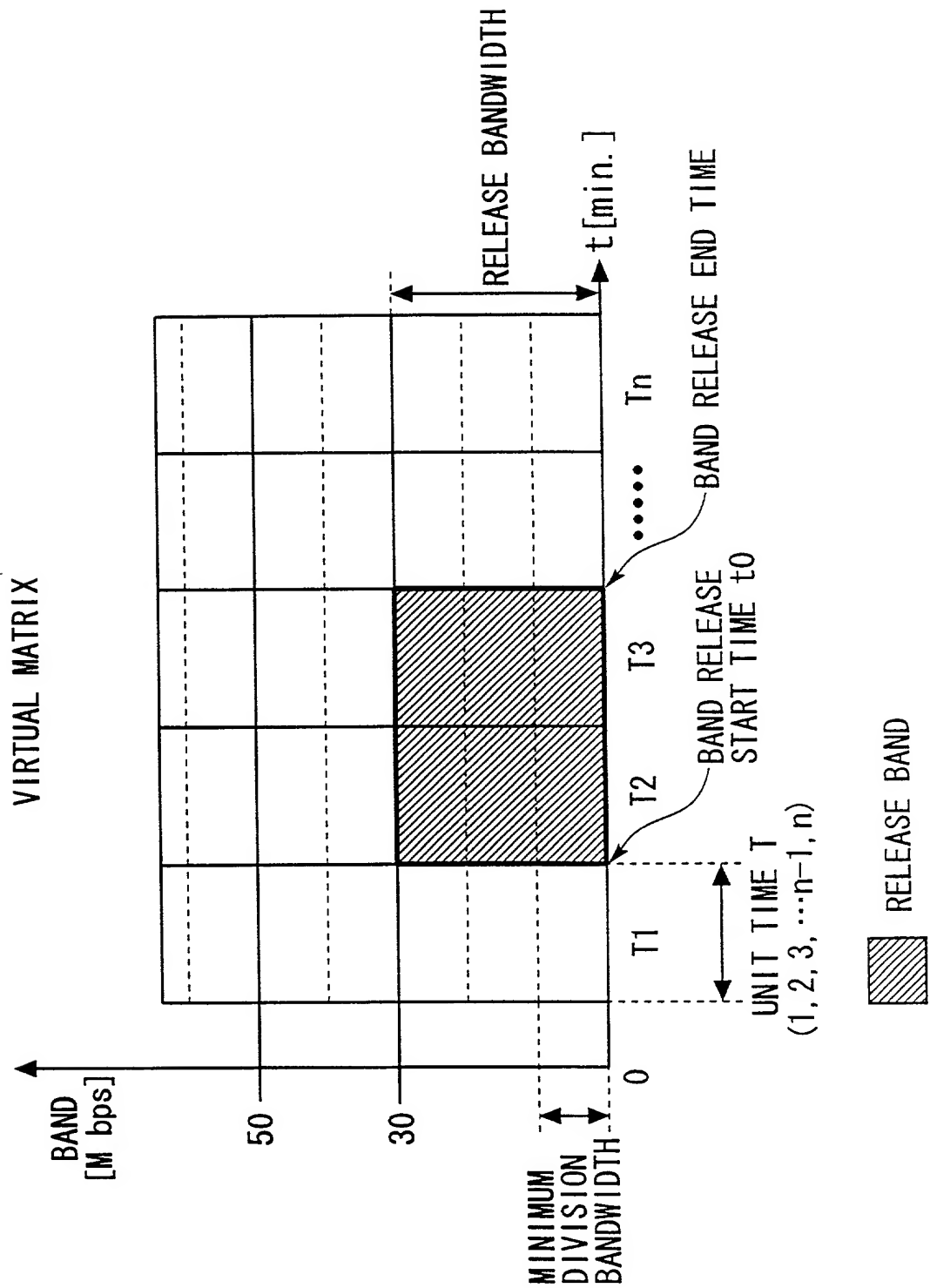
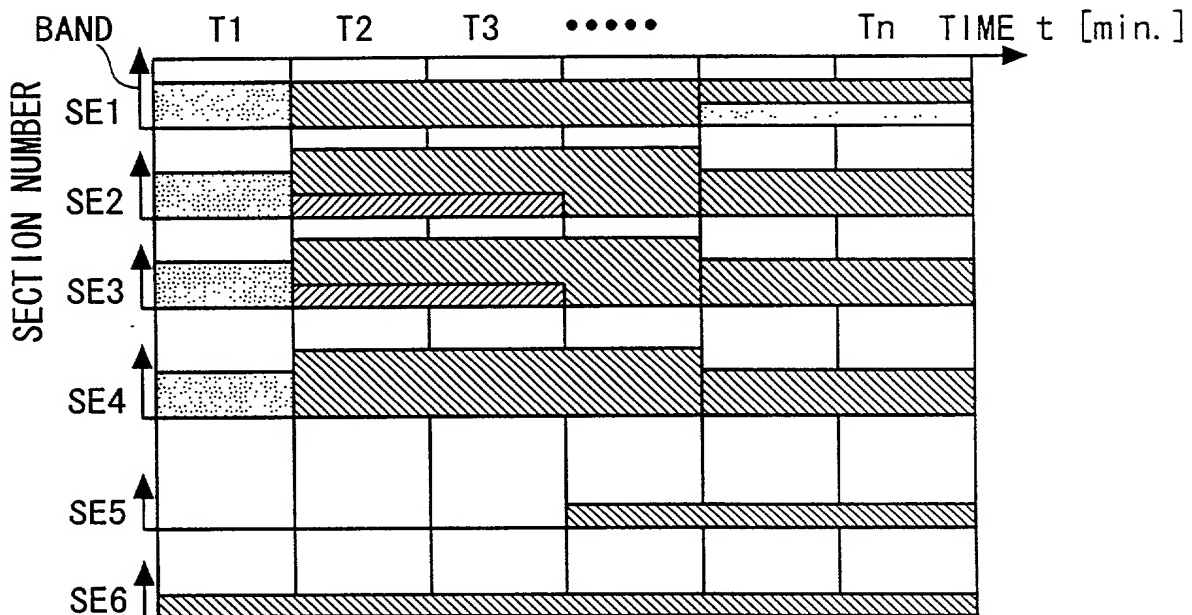


FIG. 10

MANAGEMENT NETWORK BAND INFORMATION TABLE (EXAMPLE)





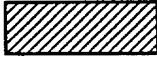
-  : RELEASE BAND
-  : RESERVED BAND
-  : SUBSCRIBER Y USER REQUEST BAND
(IF REQUEST IS IMPLEMENTED, COMMUNICATION BETWEEN SUBSCRIBER AND CONTENTS PROVIDER 1 BECOMES POSSIBLE IN T2 AND T3.)

FIG. 11A

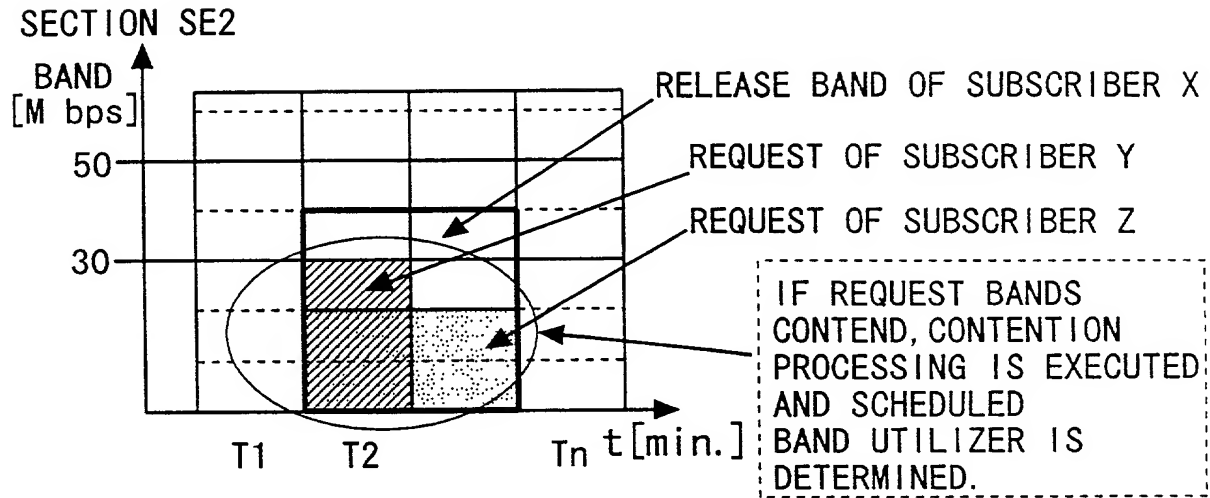


FIG. 11B

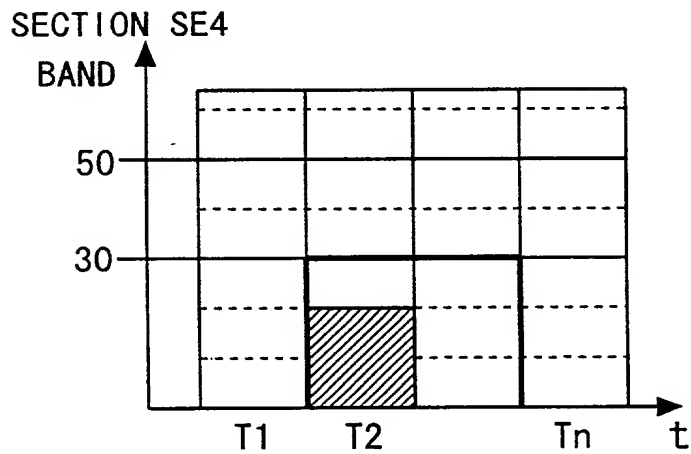
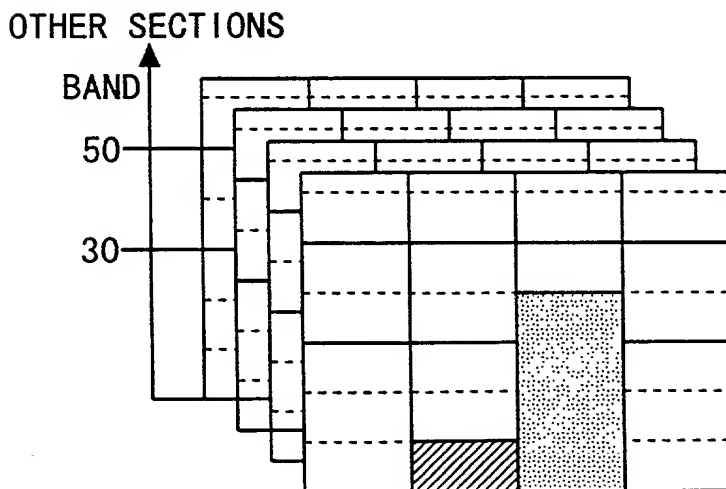


FIG. 11C



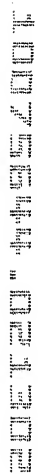
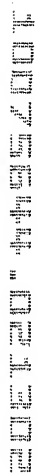
[illegible][illegible]

FIG. 14

TIME ZONE JUNE 22 (FRIDAY) 9.00 TO 9.30 PATH NUMBER: 1
AVERAGE AGREED PRICE: 103 AGREED QUANTITY: 10 TOTAL QUANTITY: 200
MINIMUM UNIT OF SELLING AND BUYING: 5Mbps PRICE WIDTH: 5
DEADLINE DATE: JUNE 22 (FRIDAY) 9.15 NUMERALS IN () ARE
DESIRED UNITS OF SELLING AND BUYING

SELLING QUANTITY	PRICE	BUYING QUANTITY
5(1, 1, 3)110		8(1, 3, 4)
8(1, 3, 4)105	95	12(1, 1, 1, 2, 3, 4)
5(1, 2, 2)100	90	10(1, 3, 3, 3)

FIG. 15

ORDERING DATE AND HOUR	TIME ZONE	PATH NUMBER	PRICE	KIND OF SELLING AND BUYING	KIND OF AGREEMENT	QUANTITY	AGREED PRICE	FEE	AGREEMENT SITUATION
6/22 7:05	6/22 9:00~9:30	1	100	SELLING	PARTIAL AGREEMENT IS POSSIBLE	2	200	20	ALREADY AGREED

FIG. 16

TIME ZONE: JUNE 22 (FRIDAY) 9.00 TO 9.30

PATH NUMBER: 1

PRICE: 100

KIND OF SELLING AND BUYING: SELLING

KIND OF AGREEMENT: PARTIAL AGREEMENT IS POSSIBLE

QUANTITY: 2

BUY/SELL

PARTIAL AGREEMENT IS POSSIBLE/
PARTIAL AGREEMENT IS IMPOSSIBLE

EXECUTE

CANCEL

FIG. 17

COMMUNICATION BAND ALLOCATION ALTERATION START DATE AND HOUR			
COMMUNICATION BAND ALLOCATION ALTERATION END DATE AND HOUR			
PATH NUMBER		ALTERATION BANDWIDTH	
AGREED PRICE		QUANTITY	
SELLING USER IP ADDRESS			
BUYING USER IP ADDRESS			
•			
•			
•			

AGREEMENT
NUMBER

FIG. 18

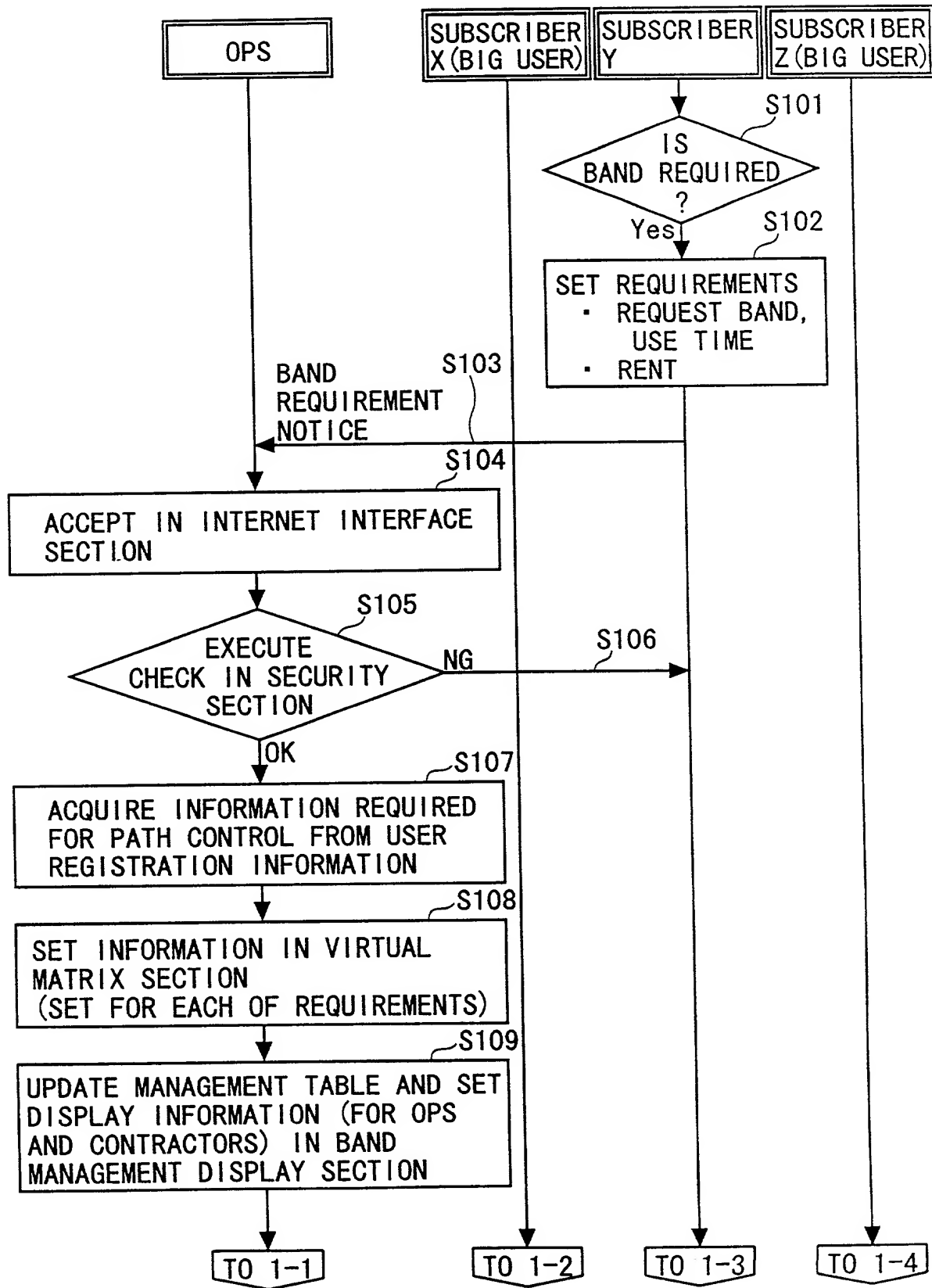


FIG. 19

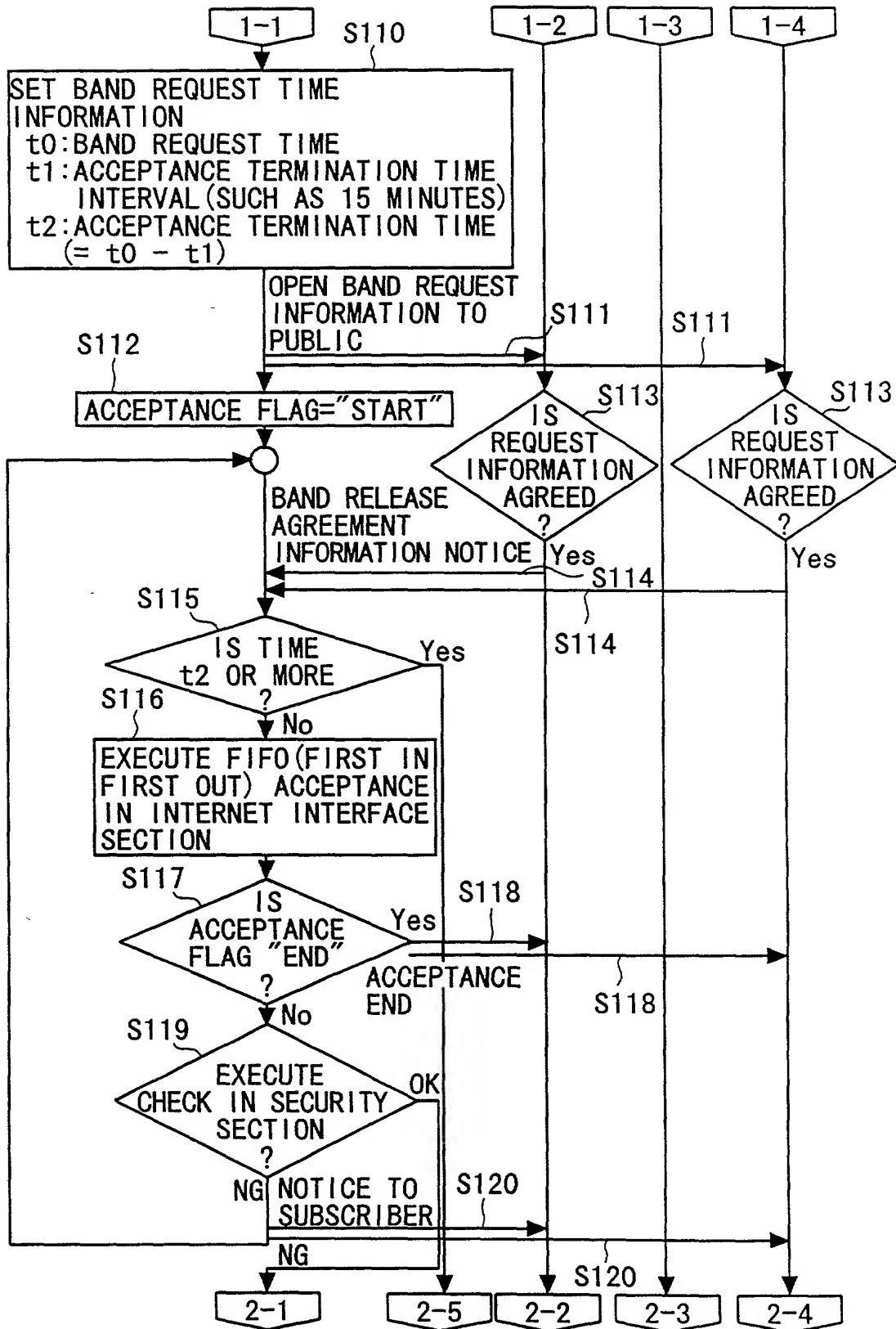
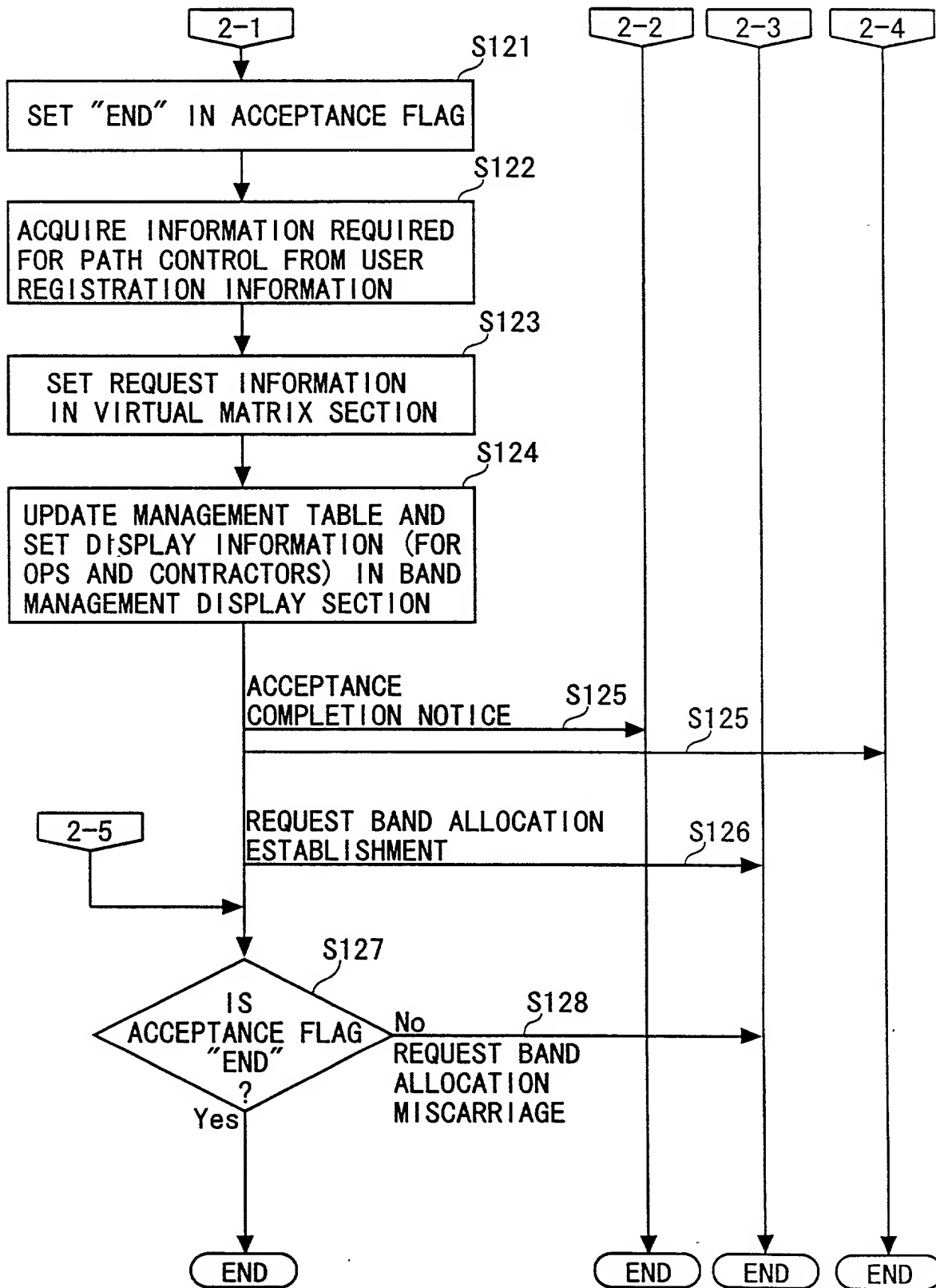


FIG. 20



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